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mlb13myc	0

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DATE: Monday, March 11, 2002 [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<u>L1</u>	mlb13myc	0	<u>L1</u>

END OF SEARCH HISTORY

(FILE 'HOME' ENTERED AT 10:57:32 ON 11 MAR 2002)

INDEX 'ADISALERTS, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 10:57:41 ON 11 MAR 2002

SEA WNT(15W)BIND? DOMAIN

8 FILE BIOSIS
1 FILE BIOTECHABS
1 FILE BIOTECHDS
7 FILE BIOTECHNO
6 FILE CANCERLIT
11 FILE CAPLUS
3 FILE DGENE
7 FILE EMBASE
7 FILE ESBIODBASE
4 FILE LIFESCI
10 FILE MEDLINE
2 FILE PASCAL
9 FILE SCISEARCH
1 FILE TOXCENTER
3 FILE TOXLIT
2 FILE WPIDS
2 FILE WPINDEX

L1 QUE WNT(15W) BIND? DOMAIN

SEA L1 AND BIND? DOMAIN(15W) CONSENSUS

L2 QUE L1 AND BIND? DOMAIN(15W) CONSENSUS

SEA L1 AND WNT(25W) CONSENSUS

L3 QUE L1 AND WNT(25W) CONSENSUS

SEA WNT(15W)BIND? DOMAIN

8 FILE BIOSIS
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1 FILE BIOTECHDS
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7 FILE ESBIODBASE
4 FILE LIFESCI
10 FILE MEDLINE
2 FILE PASCAL
9 FILE SCISEARCH
1 FILE TOXCENTER
3 FILE TOXLIT
2 FILE WPIDS
2 FILE WPINDEX

L4 QUE WNT(15W) BIND? DOMAIN

FILE 'CAPLUS, MEDLINE, SCISEARCH, BIOSIS, BIOTECHNO, EMBASE, ESBIODBASE, CANCERLIT, LIFESCI, DGENE, TOXLIT, PASCAL, WPIDS, BIOTECHDS, TOXCENTER' ENTERED AT 11:05:17 ON 11 MAR 2002

L5 81 S WNT(15W)BIND? DOMAIN

L6

24 DUP REM L5 (57 DUPLICATES REMOVED)

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(FILE 'HOME' ENTERED AT 10:57:32 ON 11 MAR 2002)

INDEX 'ADISALERTS, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 10:57:41 ON 11 MAR 2002

SEA WNT(15W) BIND? DOMAIN

8 FILE BIOSIS
1 FILE BIOTECHABS
1 FILE BIOTECHDS
7 FILE BIOTECHNO
6 FILE CANCERLIT
11 FILE CAPLUS
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7 FILE EMBASE
7 FILE ESBIODBASE
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10 FILE MEDLINE
2 FILE PASCAL
9 FILE SCISEARCH
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L1 QUE WNT(15W) BIND? DOMAIN

SEA L1 AND BIND? DOMAIN(15W) CONSENSUS

L2 QUE L1 AND BIND? DOMAIN(15W) CONSENSUS

SEA L1 AND WNT(25W) CONSENSUS

L3 QUE L1 AND WNT(25W) CONSENSUS

SEA WNT(15W) BIND? DOMAIN

8 FILE BIOSIS
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7 FILE BIOTECHNO
6 FILE CANCERLIT
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7 FILE ESBIODBASE
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1 FILE TOXCENTER
3 FILE TOXLIT
2 FILE WPIDS
2 FILE WPINDEX

L4 QUE WNT(15W) BIND? DOMAIN

FILE 'CAPLUS, MEDLINE, SCISEARCH, BIOSIS, BIOTECHNO, EMBASE, ESBIODBASE, CANCERLIT, LIFESCI, DGENE, TOXLIT, PASCAL, WPIDS, BIOTECHDS, TOXCENTER' ENTERED AT 11:05:17 ON 11 MAR 2002

L5 81 S WNT(15W) BIND? DOMAIN

L6

24 DUP REM L5 (57 DUPLICATES REMOVED)

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(FILE 'HOME' ENTERED AT 09:56:56 ON 11 MAR 2002)

INDEX 'ADISALERTS, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,
BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA,
CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB,
DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 09:57:07 ON
11 MAR 2002

SEA MLB13MYC

6 FILE BIOSIS
2 FILE BIOTECHNO
5 FILE CAPLUS
2 FILE EMBASE
1 FILE ES BIOBASE
1 FILE LIFESCI
4 FILE MEDLINE
4 FILE SCISEARCH
1 FILE TOXCENTER
3 FILE TOXLIT

L1

QUE MLB13MYC

FILE 'BIOSIS, CAPLUS, MEDLINE, SCISEARCH, TOXLIT, BIOTECHNO, EMBASE,
ES BIOBASE, LIFESCI, TOXCENTER' ENTERED AT 09:59:26 ON 11 MAR 2002

L2

29 S MLB13MYC

L3

8 DUP REM L2 (21 DUPLICATES REMOVED)

L4

0 S L2 AND CLONE 14

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L6 ANSWER 24 OF 24 DGENE COPYRIGHT 2002 DERWENT INFORMATION LTD
AN AAV84394 DNA DGENE
TI New human frizzled-related protein and associated nucleic acid, probes,
vectors - transformants, antibodies and transgenic animals, used to
inhibit signalling by Wnt-family cytokines, potentially useful as tumour
suppressor
IN Aaronson S; Finch P; He X; Rubin J S
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
PI WO 9854325 A1 19981203 83p
AI WO 1998-US10974 19980529
PRAI US 1997-50495 19970623
US 1997-50417 19970529
DT Patent
LA English
OS 1999-059840 [05]

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AN 1993:618185 CAPLUS

DN 119:218185

TI Development of immortalized cells derived from 13DPC mouse limb buds as a system to study the effects of recombinant human bone morphogenetic protein-2 (rhBMP-2) on limb bud cell differentiation

AU Rosen, Vicki; Capparella, Joanna; McQuaid, David; Cox, Karen; Thies, R. Scott; Song, Jeffrey; Wozney, John

CS Genet. Inst. Inc., Cambridge, MA, 02140, USA

SO Prog. Clin. Biol. Res. (1993), 383A(Limb Development and Regeneration, Pt. A), 305-15

CODEN: PCBRD2; ISSN: 0361-7742

DT Journal

LA English

AB Immortalization of cells derived from 13dpc mouse embryo limb buds has resulted in the establishment of a cell population, **MLB13MYC** that is capable of expressing differentiated phenotype in vitro when exposed to recombinant human bone morphogenetic protein-2 (rhBMP-2). Treatment of these cells for 24-48 h with rhBMP-2 resulted in the stimulation of both alk. phosphatase activity and the ability of the cells to respond to parathyroid hormone by producing cAMP. While these parameters are not unique markers of the cartilage and bone cell phenotype, they provide some evidence that **MLB13MYC** cells are undergoing differentiation in vitro. The presence of bone- and cartilage-specific phenotype markers after rhBMP-2 treatment of **MLB13MYC** cells further supports the hypothesis that **MLB13MYC** are a useful model system with which to study the effects of rhBMP-2 and other growth and differentiation.

AB Immortalization of cells derived from 13dpc mouse embryo limb buds has resulted in the establishment of a cell population, **MLB13MYC** that is capable of expressing differentiated phenotype in vitro when exposed to recombinant human bone morphogenetic protein-2 (rhBMP-2). Treatment of these cells for 24-48 h with rhBMP-2 resulted in the stimulation of both alk. phosphatase activity and the ability of the cells to respond to parathyroid hormone by producing cAMP. While these parameters are not unique markers of the cartilage and bone cell phenotype, they provide some evidence that **MLB13MYC** cells are undergoing differentiation in vitro. The presence of bone- and cartilage-specific phenotype markers after rhBMP-2 treatment of **MLB13MYC** cells further supports the hypothesis that **MLB13MYC** are a useful model system with which to study the effects of rhBMP-2 and other growth and differentiation.

IT Animal cell line

(**MLB13MYC**, bone morphogenetic protein-2 effect on, cell differentiation in relation to)

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